

ROBERT E. BUSHNELL\*†  
 JOSEPH G. SEEBER\*  
 MATTHEW J. LESTINA†\*  
 HARVINDER S. SAHOTA†\*  
 JONG H. PARK†  
 FRANK J. DYNDAL\*\*  
 OF COUNSEL  
 RICHARD H. STERN\*  
 HENRY M. ZYKORIE  
 MICHAEL D. PARKER  
 (REG. PATENT AGENT)

† ADMITTED IN MARYLAND  
 \* ADMITTED IN VIRGINIA  
 † ADMITTED IN NEW YORK  
 \* ADMITTED IN CONNECTICUT  
 \* ADMITTED IN NEW JERSEY  
 \* NOT ADMITTED IN D.C.

**R. E. BUSHNELL**  
 ATTORNEY AT LAW  
 1522 K STREET, N.W., SUITE 300  
 WASHINGTON, D.C. 20005-1202  
 UNITED STATES OF AMERICA

INTELLECTUAL PROPERTY LAW  
 TELEPHONE (202) 408-9040  
 FACSIMILE (202) 289-7100  
 FACSIMILE (202) 628-3835  
 FACSIMILE (410) 747-0022  
 E-MAIL: REBUSHNELL@AOL.COM

12 February 2004

- ☐ U.S. Postal Service
- ☐ Via Local Courier
- ☐ Via International Courier
- ☐ Via Facsimile No. \_\_\_\_\_
- ☐ Via E-Mail Attachment
- ☐ Please Acknowledge Receipt

**Mail Stop : Patent Application**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450  
 Sir:

Attorney Docket: P57030

Submitted herewith is the following patent application:

**Inventor:**      1) JEONG-HEE LEE                      3) SHANG-HYEUN PARK  
                          2) HANG-WOO LEE                      4) YOU-JONG KIM

**Title:**            **METHOD OF MANUFACTURING FIELD EMISSION DEVICE**

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Assignment, Information Disclosure Statement and certified copy of foreign priority document identified below:

Verified Showing of Small Entity Status:    **NO**  
 Drawings: Formal drawings, 12 sheets, Figures 1 through 5B  
 Claim of priority under 35 U.S.C. §119:    **YES**  
 \*\* The Republic of Korean Application No. 2003-8762 filed on 12 February 2003.

**FEE (see formula below): CHECKS ARE ENCLOSED (#45302 & #45303)**

<b>Basic Fee</b> \$385/770 .....	<b>\$770.00</b>
<b>Additional Fees:</b>	
Total number of claims in excess of 20: ___ times \$9/18 .....	<b>\$0.00</b>
Number of independent claims in excess of 3: ___ times \$43/86 .....	<b>\$0.00</b>
Multiple Dependent Claims \$145/290 .....	<b>\$0.00</b>
An Assignment is likewise enclosed: Recording Fee \$40 .....	<b>\$40.00</b>
Filing Non-English specification .....	<b>\$0.00</b>
<b><u>TOTAL FEES FOR THE ABOVE APPLICATION .....</u></b>	<b><u>\$810.00</u></b>

031356 U.S. PTO  
 10/776511  
 021204

**Inventor:**     1) JEONG-HEE LEE                      3) SHANG-HYEUN PARK  
                         2) HANG-WOO LEE                      4) YOU-JONG KIM

**Title:**            **METHOD OF MANUFACTURING FIELD EMISSION DEVICE**

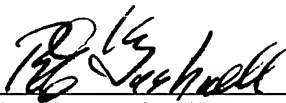
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
(Registration No. 27,774)  
Payor No.: 008-439  
Attorney for the Applicant  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Telephone: (202) 408-9040  
Telefacsimile: (202) 289-7100

REB/rfc

**FEE TRANSMITTAL**

Patent fees are subject to annual revision.

**Complete If Known**

Application Number	to be assigned
Filing Date	12 February 2004
First Named Inventor	JEONG-HEE LEE
Examiner Name	to be assigned
Group/Art Unit	to be assigned

TOTAL AMOUNT OF PAYMENT

(\$)**810.00**

Attorney Docket No.

P57030

**METHOD OF PAYMENT (check one)****FEE CALCULATION (continued)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

**3. ADDITIONAL FEES**Deposit Account Number: **02-4943**

Deposit Account Number: \_\_\_\_\_

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

**2. Payment Enclosed:****(CHECK #45302 & #45303)**

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$ 770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

**SUBTOTAL (1) (\$)**770.00******2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total claims	14	-20** = 0 x 18.00 =	0.00
Independent Claims	1	-3** = 0 x 86.00 =	0.00

Multiple Dependent

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$)**0.00****

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge-late filing fee or oath	\$
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For filing a request for reexamination	\$
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within second month	\$
1253	950	2253	475	Extension for reply within third month	\$
1254	1,480	2254	740	Extension for reply within fourth month	\$
1255	2,010	2255	1,005	Extension for reply within fifth month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility issue fee (or reissue)	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee for provisional applications	\$
1806	180	1806	180	Submission of Information Disclosure Statement	\$
8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$ 40.00
1809	770	2809	385	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810	385	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$
Other Fee (specify) _____				\$	
Other Fee (specify) _____				\$	

\*\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) \$**40.00******SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature



Date

12 February 2004

Deposit Account User ID

REB/rfc

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

JEONG-HEE LEE et al.

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 12 February 2004

Art Unit: *to be assigned*

For: METHOD OF MANUFACTURING FIELD EMISSION DEVICE

**TRANSMITTAL OF DECLARATION**

**Mail Stop : Patent Application**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,



Robert E. Bushnell,

Attorney for the Applicant

Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.

Washington, D.C. 20005

(202) 408-9040

Folio: P57030

Date: 12 February 2004

I.D.: REB/rfc